


**DIMENSIONS**

Collection	BLOOM (MEDIUM PLANKS)		CIRO (Herringbone)		ILLUME (TILES)	
Width	209 mm		126 mm		428 mm	
Length	1484 mm		630 mm		856 mm	
Number of panels per pack	6 Panels		10 Panels		6 Panels	
m <sup>2</sup> per pack	1,873 m <sup>2</sup>		0,794 m <sup>2</sup>		2,20 m <sup>2</sup>	
Weight per pack	19,5 kg		6,76 kg		19,05 kg	
Density	ISO 23997 1350±50 kg/m <sup>3</sup>		1350±50 kg/m <sup>3</sup>		1350±50 kg/m <sup>3</sup>	
Total thickness	ISO 24346 6mm (= 5 + 1mm attached underlay)		6mm (= 5 + 1mm attached underlay)		6mm (= 5 + 1mm attached underlay)	
Finishing	Advanced PU-Top coating with Scratch & Stain Guard technology		Advanced PU-Top coating with Scratch & Stain Guard technology		Advanced PU-Top coating with Scratch & Stain Guard technology	
Tongue and groove	Unclic - Unclic		Unclic		Unclic - Unclic	

**Panel build up**

	1	top lacquer
	2	PVC wearlayer
	3	PVC printfilm
	4	PVC softlayer
	5	PVC backing with glass fibers
	6	pad: 1 mm crosslinked polyethylene underlay

**FACTORY WARRANTY**

Usage class	EN ISO 10874		Class 33
Product norm	EN 16611:2014 + A1:2019		
CE / UK CA	EN 14041:2004 / AC:2006		
Warranty	Residential use	See warranty conditions	DOP: end label on pack Lifetime
	Commercial use	See warranty conditions	5 years - on request up to 15 years

**GENERAL DATA**

	METHOD	PARAMETERS	NORM REQUIREMENTS	QUICK-STEP VALUES
Wear resistance	EN 16611:2014 + A1:2019		OK	OK
Impact resistance	EN 13329- Annex F		≥ 1800 mm	OK
Scratch resistance	EN 16094		≥ MSR-A2 + MSR-B2	MSR-A1 MSR-B2
Water Resistance	ISO 4760	Qualitative rating for Recovery swell Quantitative rating for Recovery swell Joint leakage		1 0,01 mm No leakage
Castor chairs	EN 425	25000 cycles	No delamination, no disturbance	OK
Displacement of furniture feet	EN 424	Foot 0,1 mm / 32 kg	≤ 0,2 mm	No visible damage
Residual indentation	EN ISO 24343-1			OK
Resistance against staining	EN 438-2	Acetone - Coffee - NaOH - H2O2 - Shoe Polish		grade 5 No change
Swelling	ISO 24336		≤ 18%	no swelling
Locking strength	ISO 24334	Fmax long side Fmax short side	≥ 1,0 kN/m ≥ 1,5 kN/m	OK
Dimensional stability	ISO 23999	6 hrs at 90°C	≤ 10,25% Clipping ≤ 1 mm	OK
Fire classification	EN 13501-1	Blue reference	Class > B	BS1 Class B
UV resistance	ISO 105-B02			21 ΔB
Acoustic insulation	EN ISO 10140-1 / EN ISO 10140-3	Impact sound		LS R10
Slip resistance	EN 13893			0,040 m <sup>2</sup> KW
Thermal resistance	EN 12667			
Floor heating	Appropriate for all standard heating systems in cement subfloors. Limited application with heating films and alternatives. Max contact temp 5 27°C. See separate installation instructions.			

**ENVIRONMENT & CERTIFICATES**

AFFSET			A+
Formaldehyde Emission	M1: Very low emission, odorless		M1
Formaldehyde emission	EN 14041:2004 / AC: 2006	No added formaldehyde in production	< detection limit
TVOC 28 days	ISO 16000 part 9-6	AqBB requirement after 28 days <1000 µg/m <sup>3</sup>	< 20 µg/m <sup>3</sup>
Content	Heavy metals: lead/cadmium		NOT present
DANGEROUS SUBSTANCES	Carcinogenic, mutagenic or reproductive substances class 1A and 1B (candidate list)		NOT present
REACH	Regulation (EC) No 1907/2006		Compliant
Phthalates	Ortho-phthalate free plasticizers		
Recycled content	Only INTERNAL recycled material used		

